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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Robert M. GOODMAN *et al.*  
Appl. No.: 09/447,505  
Filed: November 23, 1999  
For: Molecular Farming

Art Unit: 1638  
Examiner: Cynthia E. COLLINS  
Atty. Docket: 18337.005

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Amendment and Reply

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed December 3, 2002 (paper number 12), Applicants submit the following amendments and remarks.

*In the claims:*

Please **cancel** non-elected claims 62-70 without prejudice to or disclaimer of the underlying subject matter.

Please **amend** the claims as follows.

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45. (Amended) Plant matter comprising dicotyledonous plant cells that express a mammalian peptide.

C1 46. (Amended) The plant matter according to claim 45, wherein said dicotyledonous plant cells are seed cells.

47. (Amended) The plant matter according to claim 45, wherein said dicotyledonous plant cells are rapeseed cells.

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C2 49. (Amended) The plant matter according to claim 45, wherein said dicotyledonous plant cells are tobacco plant cells.

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C3 54. (Amended) Dicotyledonous plant cells comprising: a first expression cassette having as operatively linked components in the direction of transcription (1) a first transcriptional and